

Electronic Acknowledgement Receipt

EFS ID:	6442173
Application Number:	10618227
International Application Number:	
Confirmation Number:	4405
Title of Invention:	CHANNEL ESTIMATION METHOD AND APPARATUS USING FAST FOURIER TRANSFORMS
First Named Inventor/Applicant Name:	Jung-Lin Pan
Customer Number:	24374
Filer:	Steven J. Gelman/Dawn Larsen
Filer Authorized By:	Steven J. Gelman
Attorney Docket Number:	I-2-0456.1US
Receipt Date:	12-NOV-2009
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Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1810
RAM confirmation Number	1895
Deposit Account	090435
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)

1	Issue Fee Payment (PTO-85B)	20091112_I_2_0456_1US_Issue_Fee.PDF	77894 c4071ecc2ca50aee7fb883676b8a15e222d 8fe1b	no	1
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Warnings:

Information:

2	Fee Worksheet (PTO-875)	fee-info.pdf	31855 3bc0d62ebf8dab49a019f0c83005ce91bb8 e2d53	no	2
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Warnings:

Information:

Total Files Size (in bytes):	109749
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.